

10/579,594

to:

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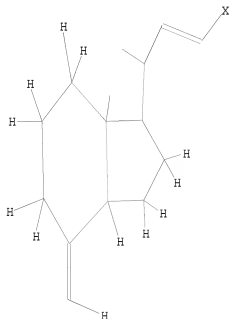
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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

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THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS

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FULL SEARCH INITIATED 18:56:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 272 TO ITERATE

100.0% PROCESSED 272 ITERATIONS

16 ANSWERS

SEARCH TIME: 00.00.01

L2 16 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

192.03

192.25

FILE 'CAPLUS' ENTERED AT 18:57:08 ON 27 JUL 2010
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FILE COVERS 1907 - 27 Jul 2010 VOL 153 ISS 5
 FILE LAST UPDATED: 26 Jul 2010 (20100726/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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L3 7 L2

=> s l3 and py<2004

24051413 PY<2004
 L4 2 L3 AND PY<2004

=> d 1-2 ibib abs hitstr

THE ESTIMATED COST FOR THIS REQUEST IS 11.62 U.S. DOLLARS
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L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2010 ACS ON STN

ACCESSION NUMBER: 1994:245588 CAPLUS

DOCUMENT NUMBER: 120:245588

ORIGINAL REFERENCE NO.: 120:43561a,43564a

TITLE: 1a,24S-Dihydroxy-26,27-cyclo-22-yne vitamin D3:
 the side chain triple bond analog of MC 903
 (calcipotriol)

AUTHOR(S): Calverley, Martin J.; Bretting, Claus Aa.S.

CORPORATE SOURCE: Chem. Res. Dep., Leo Pharm. Prod., Ballerup, DK-2750, Den.

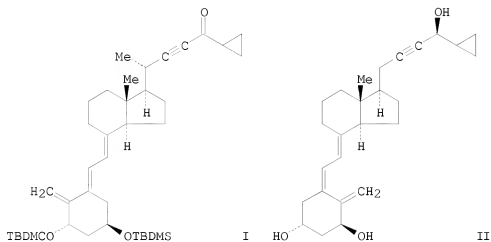
SOURCE: Bioorganic & Medicinal Chemistry Letters (1993), 3(9), 1841-4

CODEN: BMCLE8; ISSN: 0960-894X

DOCUMENT TYPE: Journal

10/923,271

LANGUAGE: English
 OTHER SOURCE(S): CASREACT 120:245588
 GI



AB The side chain propargylic alc. function [established stereoselectively via *S*-Alpine-Borane reduction of ynone I (TBDS = tert-butyldimethylsilyl) and correlated with MC 903] in the title compound II replaces the metabolically labile allylic alc. function of MC 903, a selective analog of the vitamin D hormone used for treating psoriasis. II exhibits reduced in vitro activity but still shows selectively much lower in vivo calcemic effects.

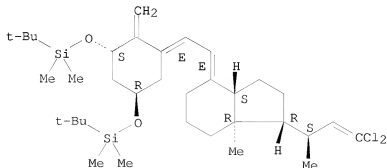
IT 154171-12-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and lithiation and cyclopropylcarbonylation of)

RN 154171-12-7 CAPLUS

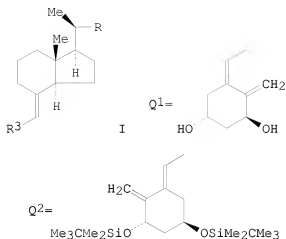
CN Silane, [(1 α ,3 β ,5 ϵ ,7 ϵ)-23,23-dichloro-24-nor-9,10-secocholane-5,7,10(19),22-tetraene-1,3-diyl]bis(oxy)]bis[(1,1-dimethylethyl)dimethyl-(9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1992:255875 CAPLUS
 DOCUMENT NUMBER: 116:255875
 ORIGINAL REFERENCE NO.: 116:43403a,43406a
 TITLE: Preparation of vitamin D analogs as drugs
 INVENTOR(S): Bretting, Claus Aage Svendsgaard
 PATENT ASSIGNEE(S): Leo Pharmaceutical Products Ltd. A/S, Den.
 SOURCE: PCT Int. Appl., 40 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9203414	A1	19920305	WO 1991-DK200	19910711 <--
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MN, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
CA 2078555	A1	19920216	CA 1991-2078555	19910711 <--
CA 2078555	C	20021126		
AU 9184223	A	19920317	AU 1991-84223	19910711 <--
AU 636510	B2	19930429		
EP 543864	A1	19930602	EP 1991-914384	19910711 <--
EP 543864	B1	19941214		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06500089	T	19940106	JP 1991-513854	19910711 <--
JP 3246914	B2	20020115		
ES 2068601	T3	19950416	ES 1991-914384	19910711 <--
RU 2126384	C1	19990220	RU 1992-16313	19910711 <--
CZ 286485	B6	20000412	CZ 1992-3726	19910711 <--
US 5447924	A	19950905	US 1992-927420	19920922 <--
FI 103791	B	19990930	FI 1992-5547	19921207 <--
FI 103791	B1	19990930		
SK 281443	B6	20010312	SK 1992-3726	19921217 <--
LV 10089	B	19941020	LV 1993-243	19930215 <--
LT 3666	B	19960125	LT 1993-965	19930910 <--
PRIORITY APPLN. INFO.:			GB 1990-17890	A 19900815
			CS 1992-3726	A 19910711
			WO 1991-DK200	A 19910711
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OTHER SOURCE(S):		MARPAT 116:255875		
GI				



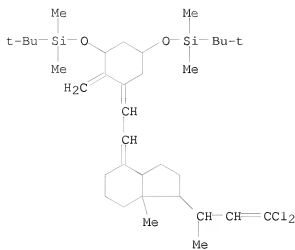
AB Title compds. [I; R = Z1C.tplbond.CZ2CR1R2X; R1, R2 = H, hydrocarbyl; or R1R2 = atoms to form a carbocyclic ring; R3 = cyclohexylidenemethylidyne group Q1; X = H, OH; Z1 = (substituted)(CH₂)_m; Z2 = bond, hydrocarbylenediyl; m = 0-2] were prepared as antiinflammatories, immunomodulators, etc. (no data). Thus, I (R = CHO, R3 = cyclohexylidenemethylidyne group Q2) was condensed with (Me₂N)3P:CCL₂ (prepared in situ) and the product treated, in turn, with BuLi and Br(CH₂)₃CET₂OSiMe₃ to give I [R = C.tplbond.C(CH₂)₃CET₂OSiMe₃, R3 = Q2] which was photoisomerized to give, after deprotection, I [R = C.tplbond.C(CH₂)₃CET₂OH, R3 = Q1].

IT 141545-84-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of antiinflammatory and immunomodulator)

RN 141545-84-8 CAPLUS

CN 1H-Indene, 4-[(2E)-2-[(3S,5R)-3,5-bis[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-2-methylenecyclohexylidene]ethylidene]-1-[(1R)-3,3-dichloro-1-methyl-2-propen-1-yl]octahydro-7a-methyl-, (1R,3aS,4E,7aR)- (CA INDEX NAME)

10/923,271



OS.CITING REF COUNT:	9	THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT